

Serial No.: 10/065,413 (Docket No. U02-0003.16)

Amendments to the Specification

Please amend the following paragraph as shown:

[0025] In the example block diagrams shown within this disclosure, separate I and Q signal paths are illustrated from the radio frequency (RF) gain stage down to the digital signal processor (DSP). A stage of the system contains both the I and Q elements that perform the relevant function or functions, usually, implemented together, sometimes multiplied by two for the UMTS and ranging signals. In parts of the signal path where the signal is kept together, a stage contains a single element for UMTS and another element for ranging signals. A stage may also contain elements that perform different, but related functions. Where there is only one element for combined UMTS and ranging signals, a stage and an element are synonymous. The I and Q channels are necessary to receive all of the signal energy, as the receiver does not know the phase of the signal arriving. Finally, for the embodiments pictured in these Figures the example block diagrams shown within this disclosure, it is assumed that the ranging signals received are UHF, digital television signals. It should be understood that the invention could find use with systems that receive some other type of ranging signal.